

Title (en)

SYSTEMS AND COMPUTER IMPLEMENTED METHODS FOR MONITORING AN ACTIVITY AT ONE OR MORE FACILITIES

Title (de)

SYSTEME UND COMPUTERIMPLEMENTIERTE VERFAHREN ZUR ÜBERWACHUNG DER AKTIVITÄT AN EINER ODER MEHREREN EINRICHTUNGEN

Title (fr)

SYSTÈMES ET PROCÉDÉS MIS EN UVRE PAR ORDINATEUR POUR SURVEILLER UNE ACTIVITÉ AU NIVEAU D'UNE OU PLUSIEURS INSTALLATIONS

Publication

EP 3210139 A4 20180404 (EN)

Application

EP 15851718 A 20151023

Priority

- AU 2014904243 A 20141023
- AU 2015050657 W 20151023

Abstract (en)

[origin: WO2016061631A1] A monitoring system for remote monitoring of an activity at one or more facilities by a vehicle. The system comprises a monitoring unit including program memory and a processor, the program memory accessible by the processor to execute instructions stored therein and a communications interface for communicating with a remote device across a communications network, the remote device being co-located with the vehicle. The processor is configured to execute instructions stored in the memory to receive at the communications interface data from the remote device, the data comprising a vehicle identifier and a vehicle location indicator and access a zone data record, the zone data record comprising a plurality of zones, each zone having a virtual geographical boundary associated with a physical geographical area including at least one facility. The processor is further configured to execute instructions stored in the memory to determine whether the vehicle is located within a zone of the zone data record for a preconfigured period of time based on the vehicle location indicator and the zone data record and responsive to determining that the vehicle is located within the zone for the preconfigured period, determine performance of the activity at the one or more facilities by the vehicle.

IPC 8 full level

G06F 19/00 (2018.01); **G06Q 50/00** (2012.01)

CPC (source: EP KR US)

G05B 15/02 (2013.01 - US); **G05D 7/0635** (2013.01 - US); **G06F 16/29** (2018.12 - EP US); **G06Q 10/0832** (2013.01 - EP US); **G06Q 10/0833** (2013.01 - EP US); **G06Q 10/30** (2013.01 - EP US); **G06Q 50/00** (2013.01 - KR); **G06Q 50/06** (2013.01 - KR); **G06Q 50/10** (2013.01 - KR); **H04W 4/021** (2013.01 - KR); **Y02W 90/00** (2015.05 - EP US)

Citation (search report)

- [I] US 2013291999 A1 20131107 - ORCUTT RUSSEL LLOYD [CA], et al
- [I] WO 2014089163 A2 20140612 - SHALEAPPS LLC [US]
- See references of WO 2016061631A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

WO 2016061631 A1 20160428; AU 2015336945 A1 20170413; AU 2021202604 A1 20210527; AU 2023202427 A1 20230511; CA 2962285 A1 20160428; CA 2962285 C 20230221; CN 107004174 A 20170801; CN 107004174 B 20210903; EP 3210139 A1 20170830; EP 3210139 A4 20180404; HK 1243786 A1 20180720; JP 2017534983 A 20171124; JP 6773379 B2 20201021; KR 20170103751 A 20170913; SG 11201703285W A 20170530; US 11100472 B2 20210824; US 2018268377 A1 20180920

DOCDB simple family (application)

AU 2015050657 W 20151023; AU 2015336945 A 20151023; AU 2021202604 A 20210427; AU 2023202427 A 20230420; CA 2962285 A 20151023; CN 201580063570 A 20151023; EP 15851718 A 20151023; HK 18102908 A 20180228; JP 2017522357 A 20151023; KR 20177013806 A 20151023; SG 11201703285W A 20151023; US 201515517099 A 20151023